

SPECTRUM CORPORATION  
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FULGHUM STREET  
HORNSBY, TN 38044  
(901)658-9050

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION

PRODUCT TRADE NAME: Arnold Snowthrower 5W30 Engine Oil  
REVISION DATE: 04/29/97  
INFORMATION/EMERGENCY  
PHONE NO: (901)658-9050  
FAX NO: (901)658-3591

FOR CHEMICAL EMERGENCY  
SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT  
CALL CHEMTREC-DAY OR NIGHT  
\*800-424-9300

TOLL-FREE IN THE CONTINENTAL U.S.  
\*ADD LONG-DISTANCE ACCESS NUMBER IF REQUIRED  
483-7616 IN DISTRICT OF COLUMBIA  
FOR CALLS ORIGINATING OUTSIDE THE CONTINENTAL U.S.:  
202-483-7616-WASHINGTON, DC, COLLECT  
ALL CALLS ARE RECORDED

CHEMICAL FAMILY: Petroleum Lubricating Oil

NOTE: Petroleum lubricating oil with a flashpoint above 200°,  
is not regulated by D.O.T. standards.

### SECTION 2 - HAZARDOUS INGREDIENTS

NAME	APP %	CAS#	REG AGEN	EXP LIM
Base Oils (mixture)	80-90	84742-54-7	OSHA/ACGIH	5mg/m3 Mist
Performance Additive	1-15	Proprietary	OSHA/ACGIH	5mg/m3 Mist
Pour Depressant	<2	Proprietary	OSHA/ACGIH	5mg/m3 Mist
Aromatic Amine	<2	Proprietary	OSHA/ACGIH	5mg/m3 Mist

HMIS/NFPA CODE: HEALTH 1 FLAMMABILITY 1 REACTIVITY 1  
PROTECTIVE EQUIPMENT C OR D

See Section 8, Chronic Effects, for potential over-exposure hazard.

### SECTION 3 - PHYSICAL DATA

VAPOR PRESSURE(mmHg): <1  
SPECIFIC GRAVITY: .87 to .90 at 60°

WATER SOLUBILITY:	Insoluble
BOILING POINT:	750 <sup>oF</sup>
VAPOR DENSITY (Air=1):	>1
EVAPORATION RATE (BUAC=1):	0.001
ODOR:	Mild Hydrocarbon Odor
APPEARANCE:	Light to Dark Amber Colored Liquid
VISCOSITY AT 100 <sup>oC</sup> :	9.5 CST to 12.0 CST

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#### SECTION 4 - FIRE AND EXPLOSION HAZARDS

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FLASH POINT:	375 <sup>oF</sup>
FIRE POINT:	410 <sup>oF</sup>
EXTINGUISHING MEDIA(s):	Water Fog, Chemical Foam, Dry Chemical Powder, CO <sub>2</sub>
SPECIAL FIREFIGHTING PROCEDURES:	Cool exposed containers with water spray. Avoid breathing fumes.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Pressure increase in over heated closed containers. Cool containers with water spray.

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#### SECTION 5 - REACTIVITY DATA

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STABILITY:	Stable
INCOMPATIBILITY:	Avoid strong oxidants.
POLYMERIZATION:	Will not occur.
THERMAL DECOMPOSITION:	Partial burning produces fumes, smoke and carbon monoxide.

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#### SECTION 6 - HEALTH HAZARD DATA

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INHALATION:	Inhalation of fumes may result in dizziness, headache and respiratory irritation.
EYE CONTACT:	Contact with eyes may cause irritation. The zinc salt of dialkyl dithiophosphoric (ZDPP) acid is an eye irritant and may injure eye tissue if not removed promptly.
SKIN CONTACT:	Mild irritation may occur with prolonged or repeated contact.
INGESTION:	Slightly toxic. Pulmonary aspiration hazard if vomiting occurs.
TLV:	5mg/m3 as mist. ACGIH 1984-85
CHRONIC EFFECTS:	Product has a low order of acute

oral toxicity. Ingredients of this product are not listed as potential carcinogens in N.T.P. Annual Report on Carcinogens, I.A.R.C. Monographs, or by O.S.H.A. HCS (g) (2) (vii).

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#### Emergency First Aid Procedures

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SKIN:	Wash skin with soap and warm water. Wash Clothing before re-use.
EYE:	If splashed into eyes flush eyes with clear water for five(5) minutes.
INHALATION:	If overcome by fumes remove from exposure immediately.
ORAL:	If ingested, do not induce vomiting. Call a physician.

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#### SECTION 7 - SPECIAL PROTECTION INFORMATION

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VENTILATION PROCEDURE:	Ventilate as needed to comply with exposure limit.
GLOVES PROTECTION:	Use impervious gloves to avoid repeated/prolonged skin contact.
EYE PROTECTION:	Use goggles/face shield to avoid eye contact.
WORK/HYGIENIC PRACTICES:	If clothing becomes contaminated, change to fresh clean clothing. Do not wear until thoroughly laundered.

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#### SECTION 8 - SPILL OR LEAK PROCEDURES

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SPILL PROCEDURES:	Remove ignition sources. Recover liquid. Add absorbent to spill area. Ventilate confined spaces. Advise authorities if product enters sewers, etc.
WASTE DISPOSAL:	Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved waste site.

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#### SECTION 9 - SPECIAL PRECAUTIONS

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HANDLING AND STORAGE PRECAUTIONS:	Keep containers closed when not in use. Do not handle or store near heat or flames. Use chemical resistant gloves and apron.
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The Data presented herein is based upon tests and information which we believe to be reliable. However, users should make their own investigations to determine the suitability of the information for their particular purpose.